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CERTIFICATE OF MAILING  
37 C.F.R. 1.8

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail in an envelope addressed to: Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450, on the date below:

March 17, 2005  
Date

*Michael C. Barrett*  
Michael C. Barrett

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

RE: *Request for Certificate of Correction*  
*Patent No. 6,844,849*  
*Dated: January 18, 2005*  
*Entitled: "CIRCULAR SUPERDIRECTIONAL RECEIVE ANTENNA ARRAYS"*  
*Inventor(s): Donald E. Barrick et al.*

Commissioner:

Enclosed are two originals of the form PTO-1050. Errors of a minor nature are thereon corrected. The errors in claims 3, 4, 5, 6, 14, 17, 18, and 19, columns 11, 12, 13, and 14, lines 45, 46, 50, 61, 64, 66, 7, 8, 15, 7, 9, 37, 3, 15, 17, 20, 28, and 29 are due to Patent Office oversights. A Certificate of Correction is requested under 35 U.S.C. § 254. Should any fee under 37 C.F.R. § 1.20(a) be required for any reason, the Commissioner is authorized to deduct said fee from Fulbright & Jaworski L.L.P. Account No.: 50-1212/CODA:005US/MCB.

Respectfully submitted,

*Michael C. Barrett*

Michael C. Barrett  
Reg. No. 44,523

MCB/lak  
Enclosures

# UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO. : 6,844,849  
DATED : January 18, 2005  
INVENTOR(S) : Barrick *et al.*

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In claim 3, column 11, line 45, please delete " $g_n(\vartheta \phi)$ " and insert  $--g_n(\vartheta, \phi)--$ .

In claim 3, column 11, line 46, please delete " $\vartheta\phi[w_n]$ " and insert  $--\vartheta, \phi, [w_n]--$ .

In claim 3, column 11, line 50, please delete " $0 < \vartheta < \pi$  and  $0 < \phi < 2\pi$ " and insert  $--0 < \vartheta < \pi$  and  $0 < \phi < 2\pi--$ .

In claim 4, column 11, line 61, please delete " $P(\vartheta, \phi)$ " and insert  $--P(\vartheta, \phi)--$ .

In claim 4, column 11, line 61, please delete " $G(\vartheta_o, \phi_o)$ " and insert  $--G(\vartheta_o, \phi_o)--$ .

In claim 4, column 11, line 64, please delete " $(\vartheta_o, \phi_o)$ " and insert  $--(\vartheta_o, \phi_o)--$ .

In claim 5, column 11, line 66, please delete " $P(\vartheta, \phi)$ " and insert  $--P(\vartheta, \phi)--$ .

In claim 5, column 12, line 7, please delete " $g(\vartheta, \phi)$ " and insert  $--g(\vartheta, \phi)--$ .

In claim 5, column 12, line 8, please delete " $\vartheta, \phi$ " and insert  $--\vartheta, \phi--$ .

In claim 6, column 12, line 15, please delete " $N_{m,n}(\vartheta_o, \phi_o) = [g_m(\vartheta_o, \phi_o)]^T [g_n(\vartheta_o, \phi_o)]$ ," and insert  $--N_{m,n}(\vartheta_o, \phi_o) = [g_m(\vartheta_o, \phi_o)]^T [g_n(\vartheta_o, \phi_o)]--$ .

MAILING ADDRESS OF SENDER:  
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PATENT NO. 6,844,849  
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# UNITED STATES PATENT AND TRADEMARK OFFICE

## CERTIFICATE OF CORRECTION

PATENT NO. : 6,844,849  
 DATED : January 18, 2005  
 INVENTOR(S) : Barick et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In claim 14, column 13, line 7, please delete " $N_{m,n}(\vartheta_o, \phi_o) = [g_m(\vartheta_o, \phi_o)]^T [g_n(\vartheta_o, \phi_o)]$ ," and insert --  $N_{m,n}(\vartheta_o, \varphi_o) = [g_m(\vartheta_o, \varphi_o)]^T [g_n(\vartheta_o, \varphi_o)]$  --.

In claim 14, column 13, line 9, please delete "D,n" and insert --D<sub>m,n</sub>--

In claim 17, column 13, line 37, please delete " $g_n(\vartheta, \phi)$ " and insert -- $g_n(\vartheta, \varphi)$ --.

In claim 17, column 13, line 37, please delete " $\vartheta, \phi, [w_n]$ " and insert -- $\vartheta, \varphi, [w_n]$ --.

In claim 17, column 14, line 3, please delete " $0 < \vartheta < \pi$  and  $0 < \phi < 2\pi$ " and insert --  $0 < \vartheta < \pi$  and  $0 < \varphi < 2\pi$  --.

In claim 18, column 14, line 15, please delete " $P(\vartheta(\phi))$ " and insert --  $P(\vartheta, \varphi)$ --.

In claim 18, column 14, line 15, please delete " $G(\vartheta_o, \phi_o)$ " and insert --  $G(\vartheta_o, \varphi_o)$ --.

In claim 18, column 14, line 17, please delete " $g(\vartheta_o, \phi_o)$ " and insert --  $g(\vartheta_o, \varphi_o)$ --.

In claim 19, column 14, line 20, please delete " $P(\vartheta, \phi)$ " and insert --  $P(\vartheta, \varphi)$ --.

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## CERTIFICATE OF CORRECTION

PATENT NO. : 6,844,849  
 DATED : January 18, 2005  
 INVENTOR(S) : Barrick et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In claim 19, column 14, line 28, please delete  $g_n(\vartheta, \phi)$  and insert  $--g_n(\vartheta, \phi)--$ .

In claim 19, column 14, line 29, please delete " $\vartheta, \phi$ " and insert  $--\vartheta, \phi--$ .

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